

INFORMATION DISCLOSURE STATEMENT

Applicant : Remacle et al.
App. No : 09/574,626
Filed : May 19, 2000
For : METHOD FOR THE
IDENTIFICATION AND/OR THE
QUANTIFICATION OF A TARGET
COMPOUND OBTAINED FROM A
BIOLOGICAL SAMPLE UPON CHIPS
Examiner : Shubo (Joe), Zhou
Art Unit : 1631

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application is a PTO/SB/08 Equivalent listing 50 references to be considered by the Examiner. Also enclosed are 50 foreign patent references and/or non-patent literature as listed on the Information Disclosure Statement.

This Information Disclosure Statement is being filed after the mailing date of a Notice of Allowance. This Statement is accompanied by the fee set forth in 37 C.F.R. § 1.17(p). The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: January 3, 2006

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Multiple sheets used when necessary) SHEET 1 OF 4 | Application No. | 09/547,626 |
| | Filing Date | May 19, 2000 |
| | First Named Inventor | Remacle, Jose |
| | Art Unit | 1631 |
| | Examiner | Shubo (Joe) Zhou |
| | Attorney Docket No. | VANM159.001AUS |

U.S. PATENT DOCUMENTS

| Examiner Initials | Cite No. | Document Number Number - Kind Code (if known) Example: 1,234,567 B1 | Publication Date MM-DD-YYYY | Name of Patentee or Applicant | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials | Cite No. | Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1 | Publication Date MM-DD-YYYY | Name of Patentee or Applicant | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear | T ¹ |
|-------------------|----------|--|--------------------------------|-------------------------------|--|----------------|
| | 1 | WO 89/11548 | 11-30-1989 | Cetus Corporation | | |
| | 2 | WO 98/04740 | 02-05-1998 | North-Western University | | |
| | 3 | EP 7 179 180 | 02-13-2002 | Advanced Array Technol. | | |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ¹ |
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| | 4 | BASSELL, G.J. et al. (1994) "Single mRNAs visualized by ultrastructural <i>in situ</i> hybridization are principally localized at actin filament intersections in fibroblasts" <i>J. Cell Biol.</i> 126:863-876 (document O29 from the European opposition proceedings in the related European patent EP 1 179 180). | |
| | 5 | BRADA, D. et al. (1984) "Golden Blot" - Detection of polyclonal and monoclonal antibodies bound to antigens on nitrocellulose by protein A - gold complexes" <i>Analyt. Biochem.</i> 142:79-83 (document O32 from the European opposition proceedings in the related European patent EP 1 179 180). | |
| | 6 | DANSCHER, G. (1981) "Light and electron microscopic localization of silver in biological tissue" <i>Histochemistry</i> 71:177-186 (document O33 from the European opposition proceedings in the related European patent EP 1 179 180). | |
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| | 9 | EP 00929132.9-2404 Protocol followed to monitor the hybridization of a concentration curve of CAB on microarrays (Figure 1) in 3 pages (document O18 from the European opposition proceedings in the related European patent EP 1 179 180). | |
| | 10 | EP00929132.9-2404 Membrane Substrates, 4 CN Peroxidase Substrate System (Cat. No. 50-73-00, 50-73-04), p. 10. (document O16 from the European opposition proceedings in the related European patent EP 1 179 180) | |
| | 11 | Experiment 1 of the opponent: Signals from match and mismatch probes at different points in time in 2 pages (document O19 from the European opposition proceedings in the related European patent EP 1 179 180). | |
| | 12 | Experiment 1 of the patentee: Signal obtained before and after the silver precipitation of DNA labeled with gold particles on microarrays (in 2 pages) (document O67 from the European opposition proceedings in the related European patent EP 1 179 180). | |

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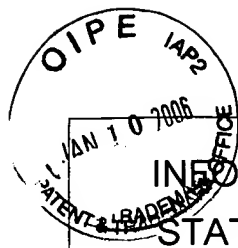
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|----------------------|-------------|---|----------------|
| | 13 | Experiment 2 of the opponent: time dependence of precipitation signal intensity for hybridization of one target against four different perfect matching probes in 3 pages (document O20 from the European opposition proceedings in the related European patent EP 1 179 180). | |
| | 14 | Experiment 2 of the patentee: Profiles of gene expression patterns on microarray: comparison of fluorescent and colorimetric (silver precipitate) detection (in 4 pages) (document O68 from the European opposition proceedings in the related European patent EP 1 179 180). | |
| | 15 | Experiment 3 of the patentee: Detection of a concentration curve of spotted biotinylated DNA on microarrays using metallic and non-metallic precipitate (in 3 pages) (document O69 from the European opposition proceedings in the related European patent EP 1 179 180). | |
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| | 17 | GORDON, J. EXPERT OPINION August 23, 2005, in 4 pages (document O63 from the European opposition proceedings in the related European patent EP 1 179 180). | |
| | 18 | GU, J. et al. (1995) "Quantitative evaluation of immunogold-silver staining" Chapter 7, <u>Immunogold-Silver Staining: Methods and Applications</u> , pp.119-136 (document O36 from the European opposition proceedings in the related European patent EP 1 179 180). | |
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| | 21 | HACKER, G.W. et al. (1996) "Electron microscopical autometallography: immunogold-silver staining (IGSS) and heavy-metal histochemistry" <u>Methods: A Companion to Methods in Enzymology</u> 10:257-269 (document O45 from the European opposition proceedings in the related European patent EP 1 179 180). | |
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| | 38 | NESPOLO, A. et al. (1989) "Immunoblotting techniques with pictogram sensitivity in cerebrospinal fluid protein detection" <i>Electrophoresis</i> 10:34-40 (document O55 from the European opposition proceedings in the related European patent EP 1 179 180). | |

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